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Cofm

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty Docket

GERARDUS C.P. LOKHOFF

PHN 13,241

Serial No. 07/532,462

Group Art Unit 2603

Filed: June 1, 1990

Examiner D. Ton

DIGITAL TRANSMISSION SYSTEM, TRANSMITTER AND RECEIVER FOR USE
IN THE TRANSMISSION SYSTEM, AND RECORD CARRIER OBTAINED BY
MEANS OF THE TRANSMITTER IN THE FORM OF A RECORDING DEVICE

RECEIVED

AUG 26 1992

Group 260

IN THE CLAIMS

Cancel claims 18-22; and substitute claims 30-33 as

follows:

~~30. A transmitter for transmitting wide-band digital
information having a sample frequency F_s via a transmission
medium, comprising:~~

~~an input terminal for receiving said information to be
transmitted, in the form of a first digital signal,~~

~~an output, and~~

~~a signal source, having an input coupled to said input
terminal, for generating and supplying to said output a second
digital signal which includes said information, said second
digital signal comprising consecutive frames, each frame
comprising a plurality of information packets, and each
information packet comprising N bits, where $N > 1$,~~

~~characterized in that, in the formula~~

$$P = \frac{BR}{N} \times \frac{n_s}{F_s}$$

~~where BR is the bit rate of said second digital signal, and n_s
is the ^{average} number of samples of said information whose
corresponding information in said second signal is included in
one frame of said second signal,~~

~~if P is an integer, the number of information packets
in one frame is P , and~~

~~if P is not an integer, the number of information
packets in a number B of the frames is P' , where P' is the~~